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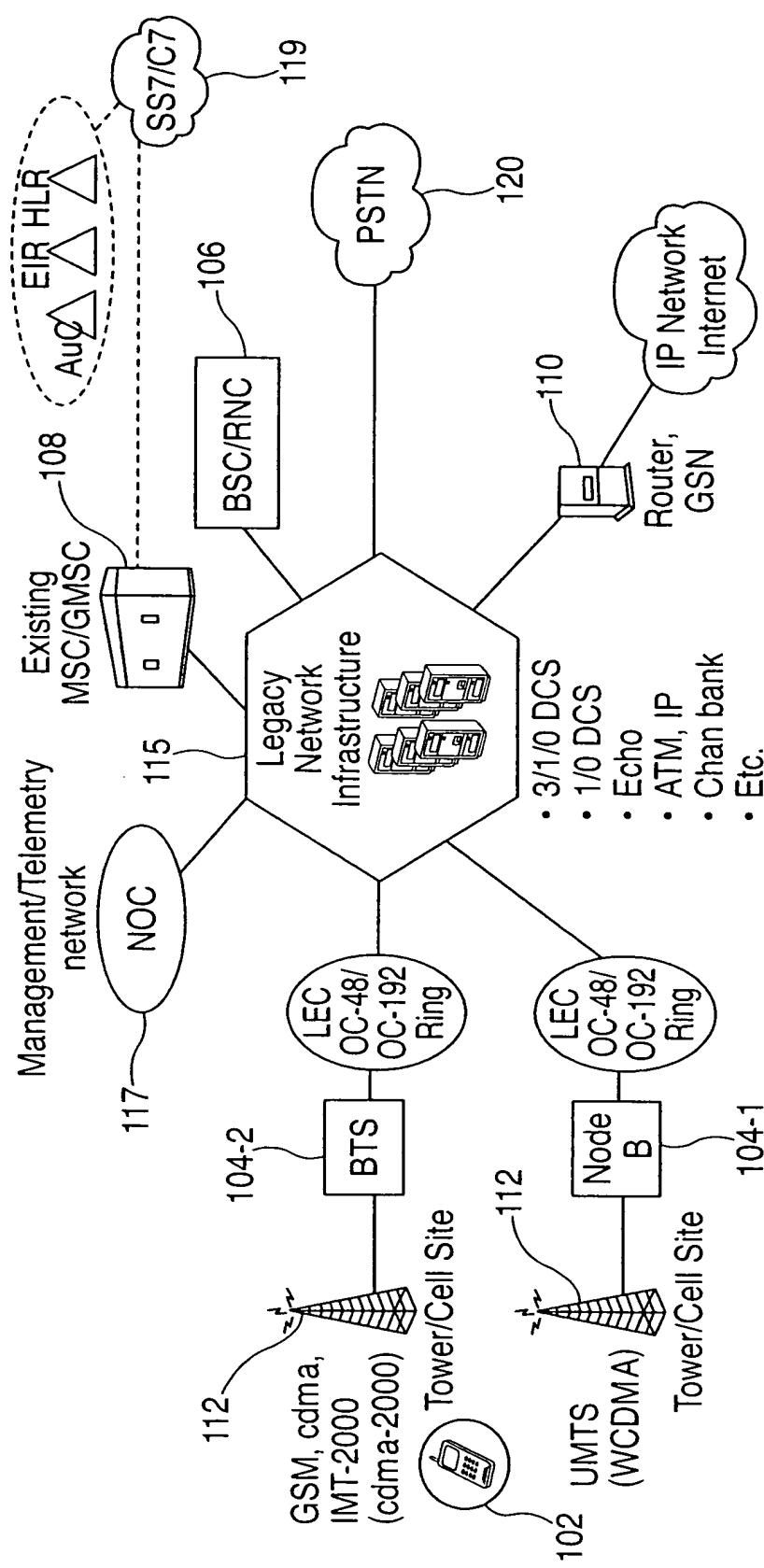
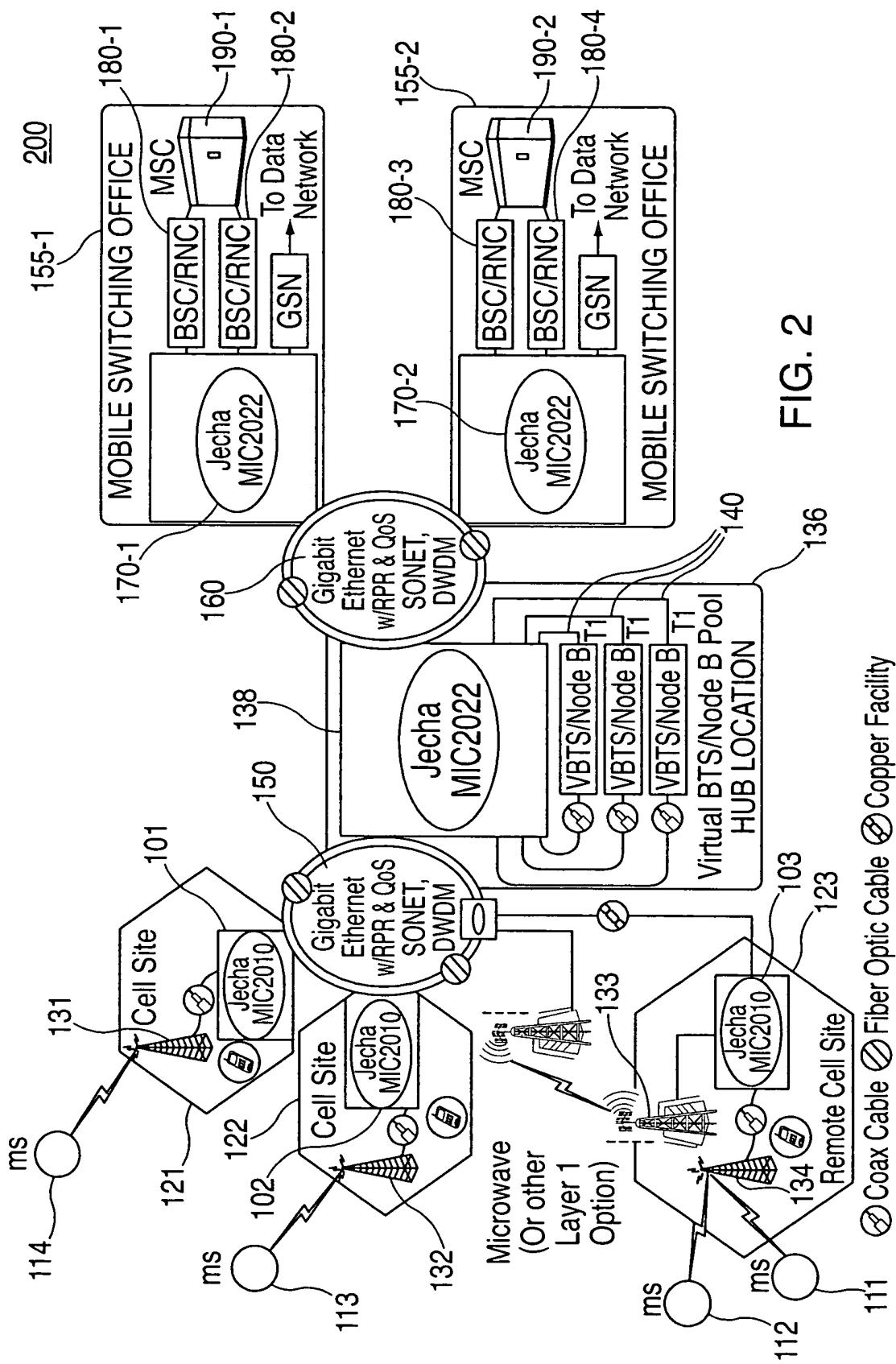
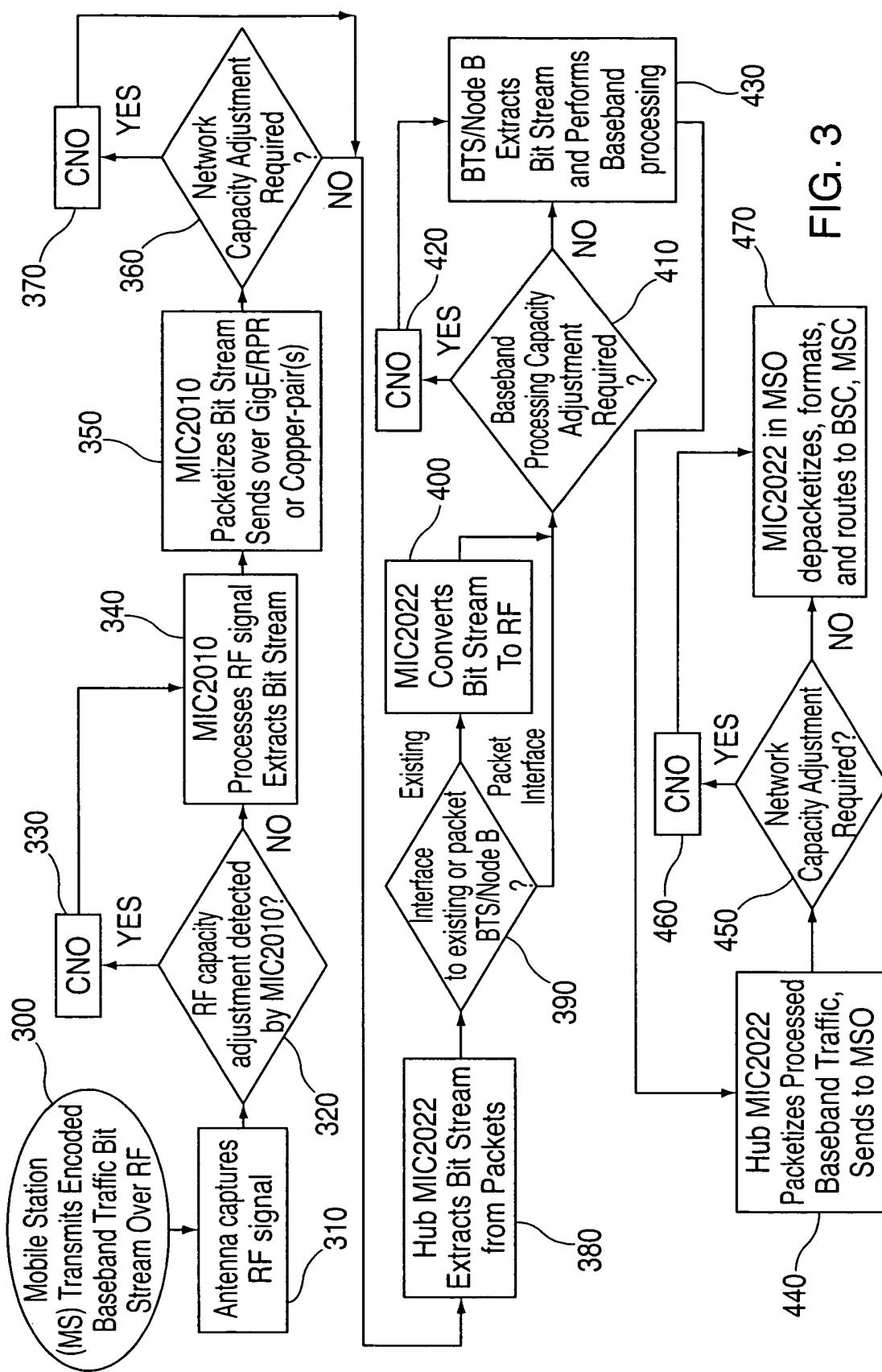


FIG. 1

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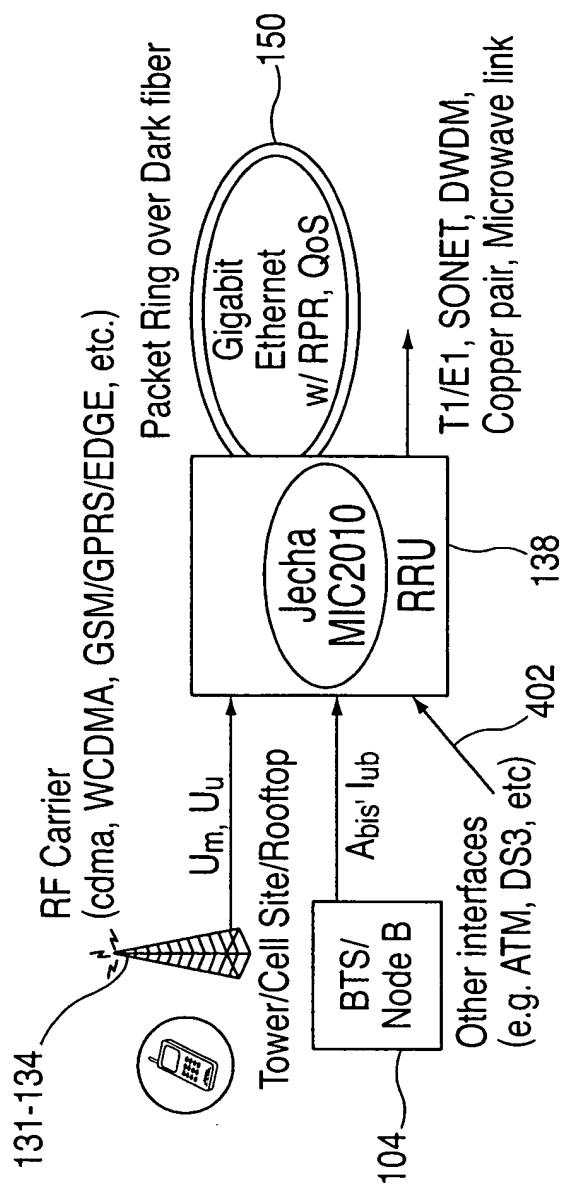


FIG. 4

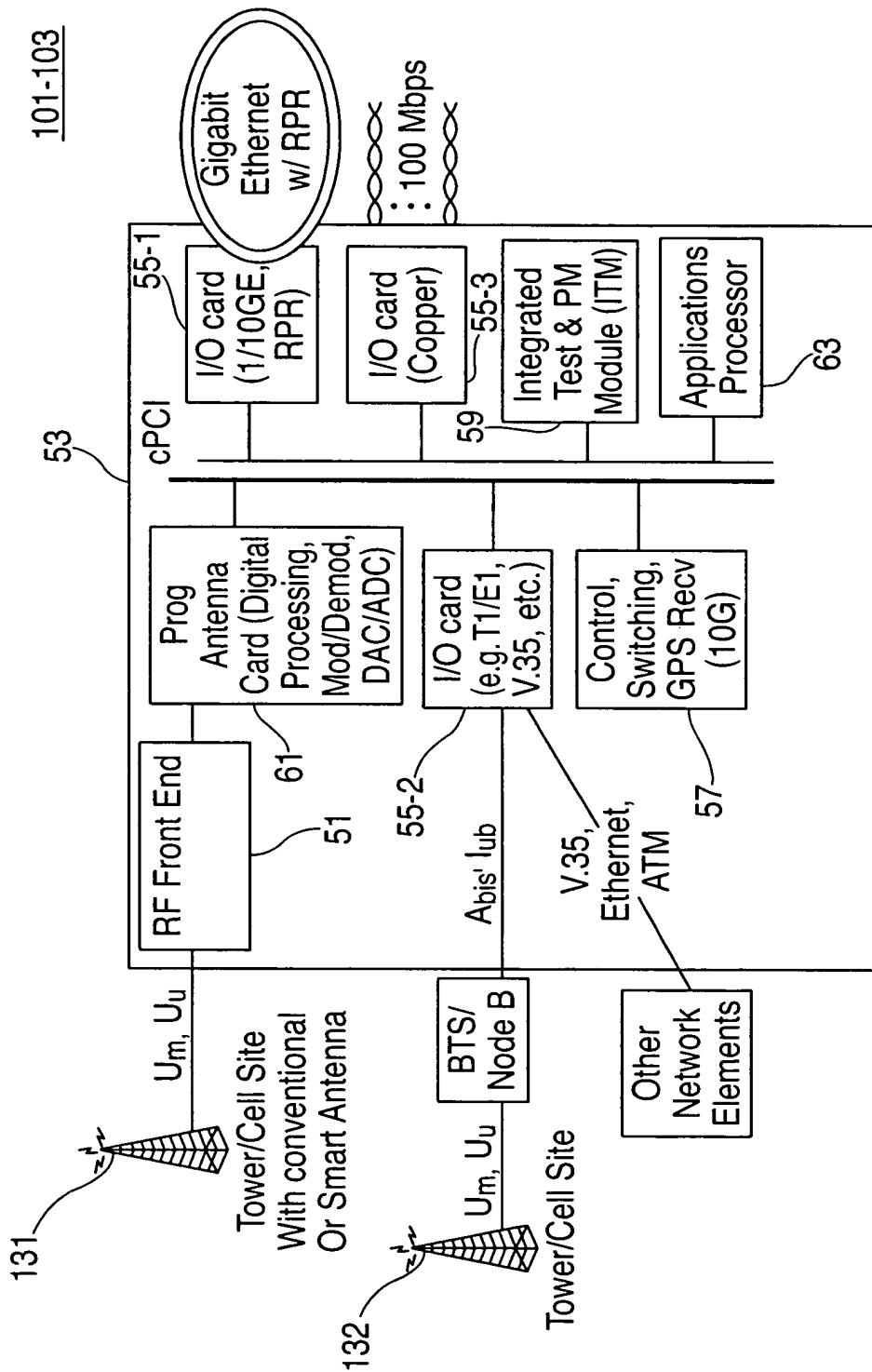


FIG. 5

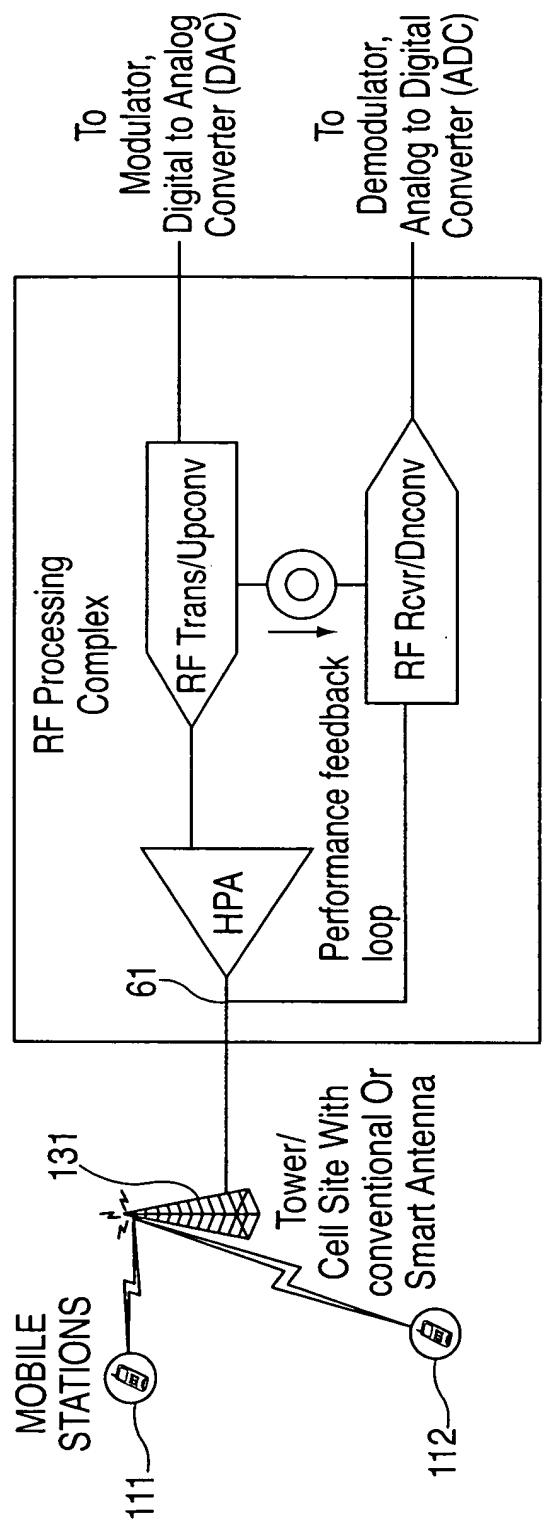
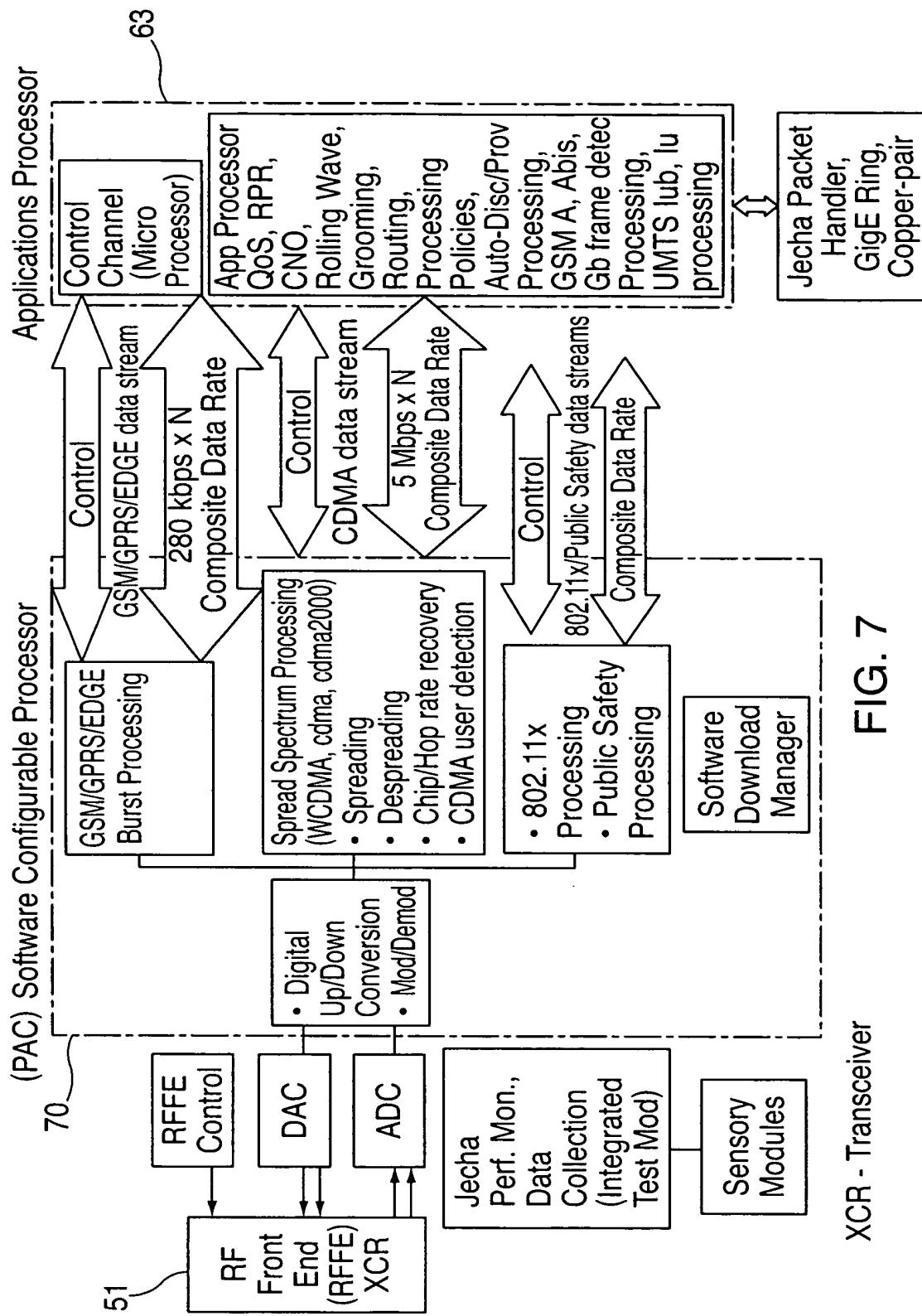


FIG. 6



XCR - Transceiver

FIG. 7

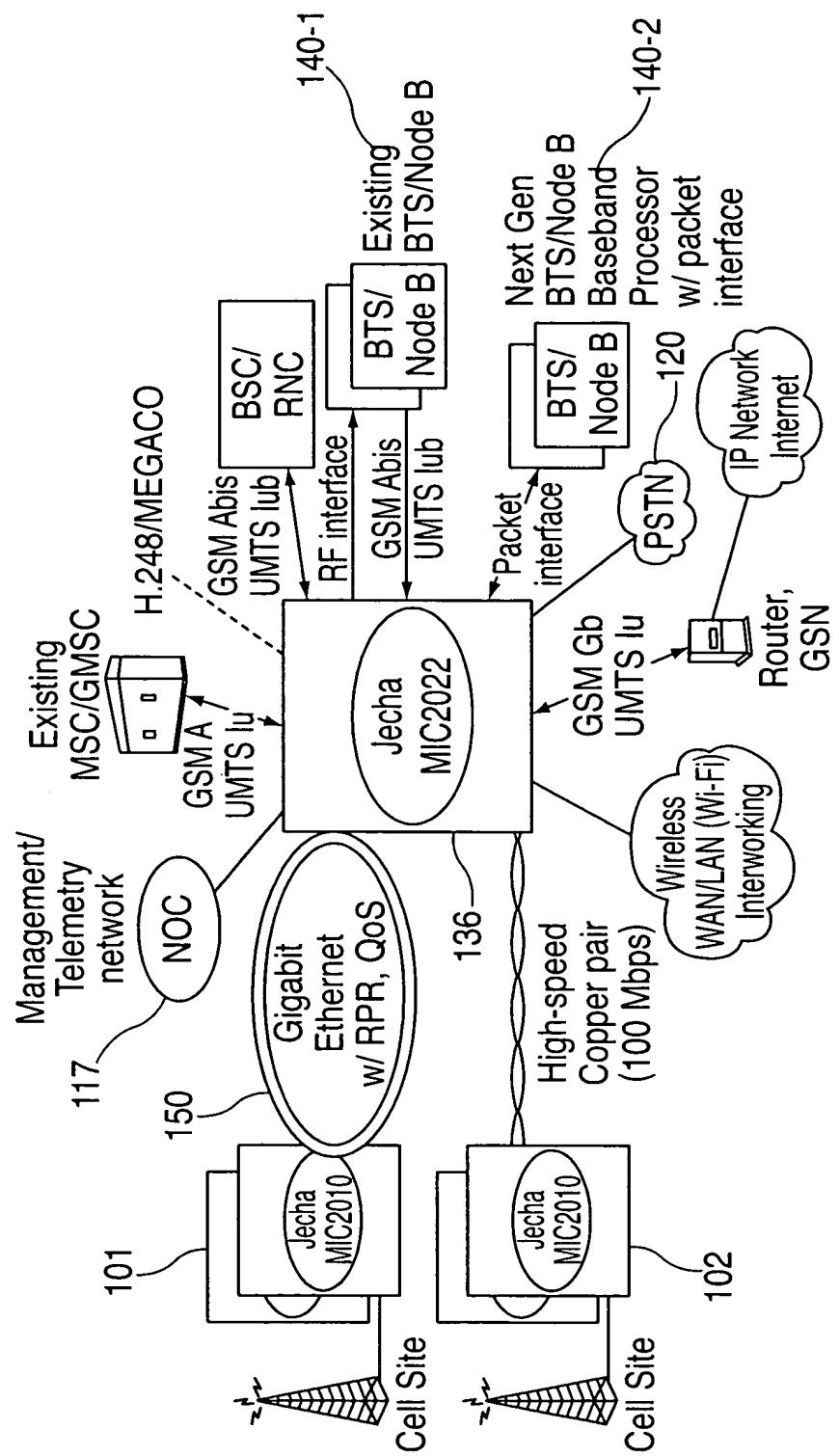


FIG. 8

MIC=Millennium Infrastructure Consolidator

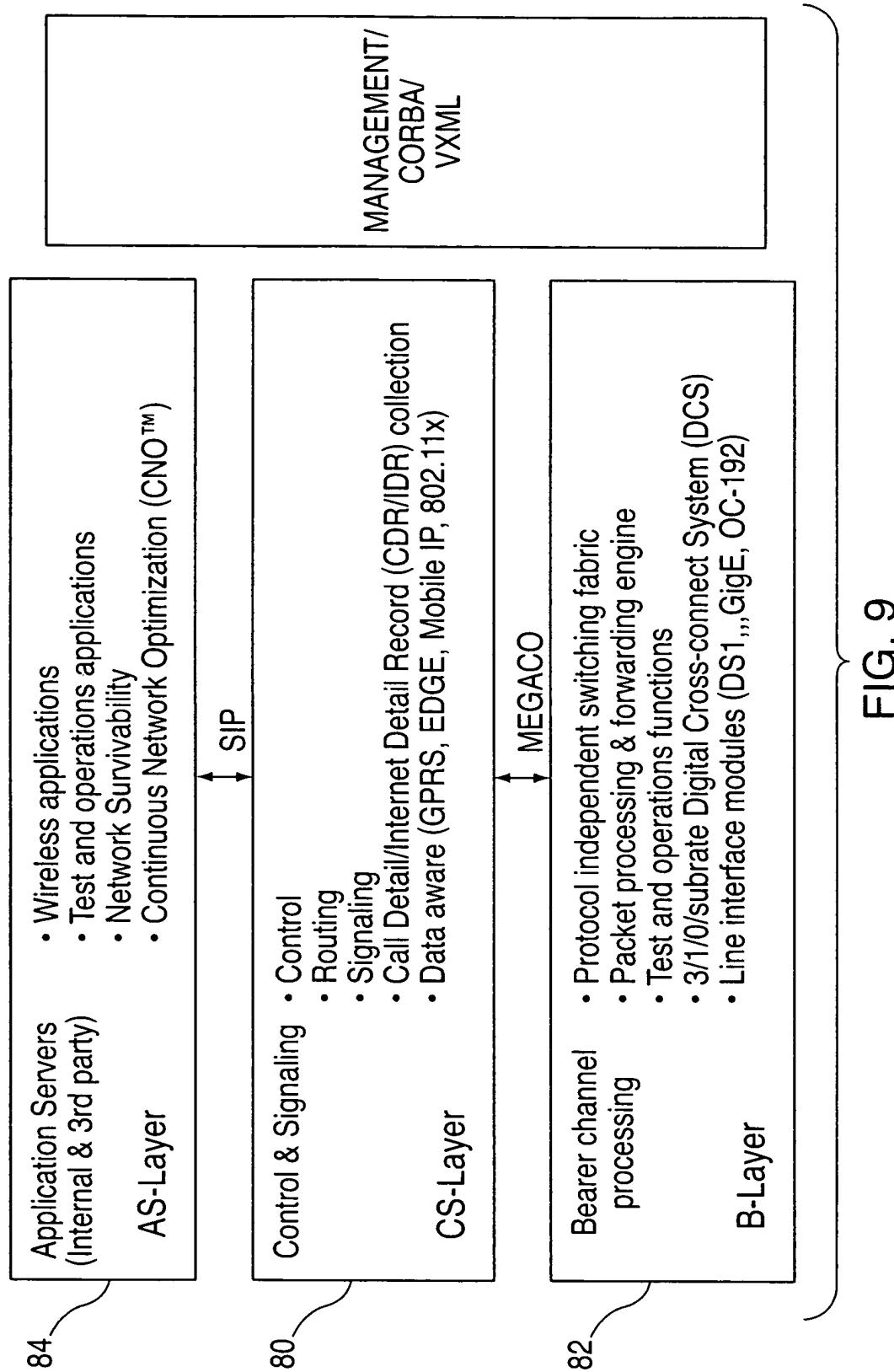
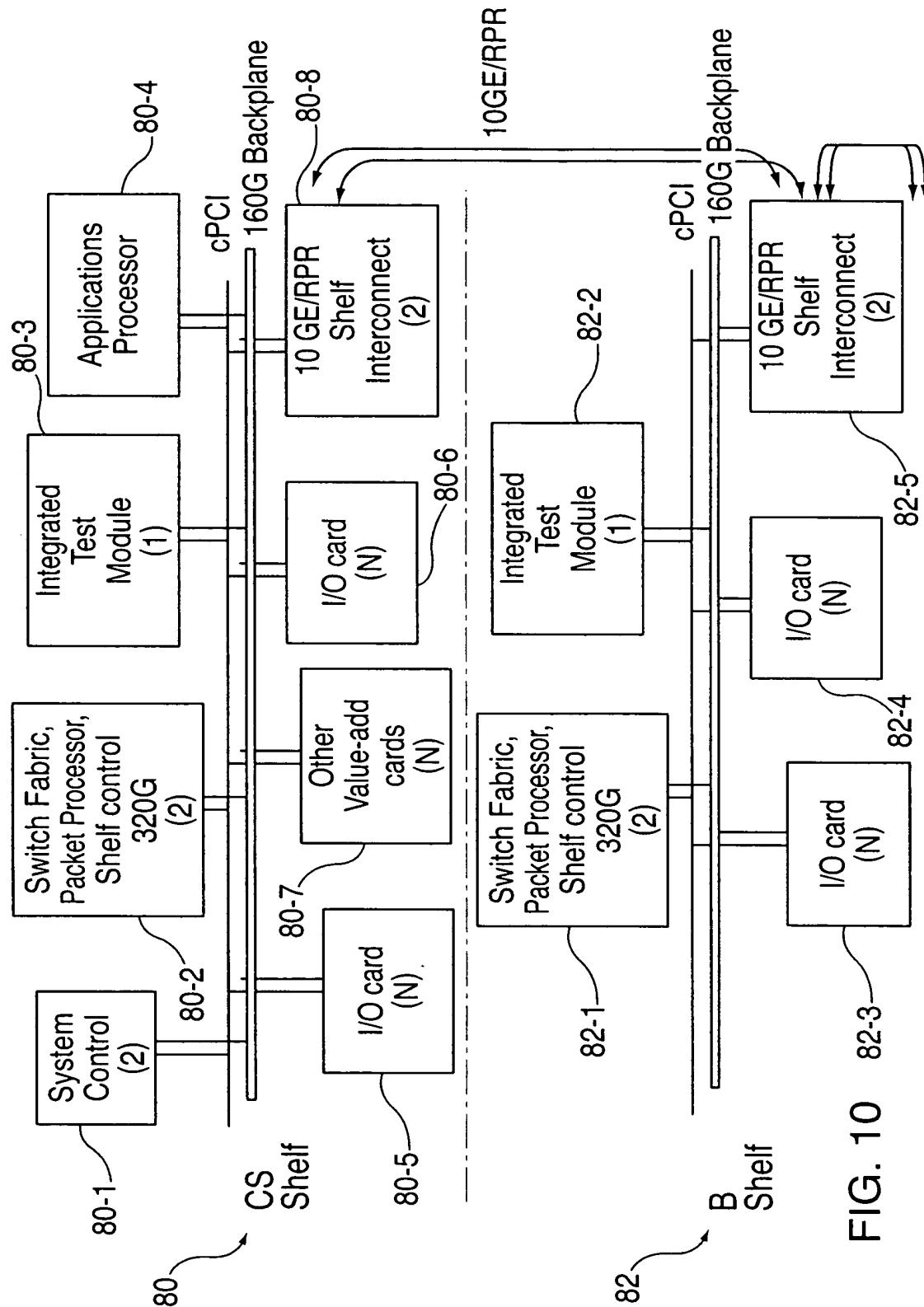


FIG. 9

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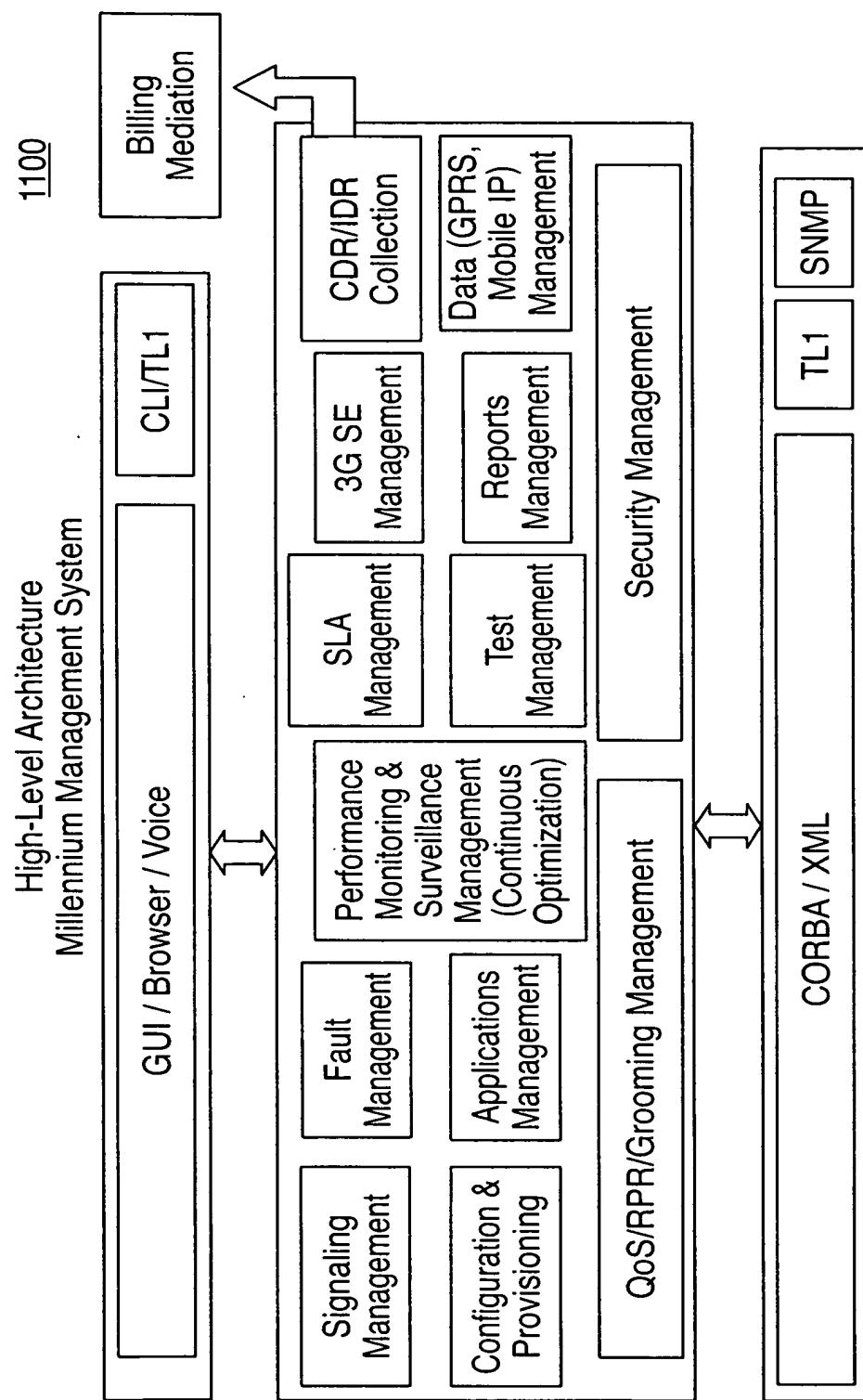


FIG. 11

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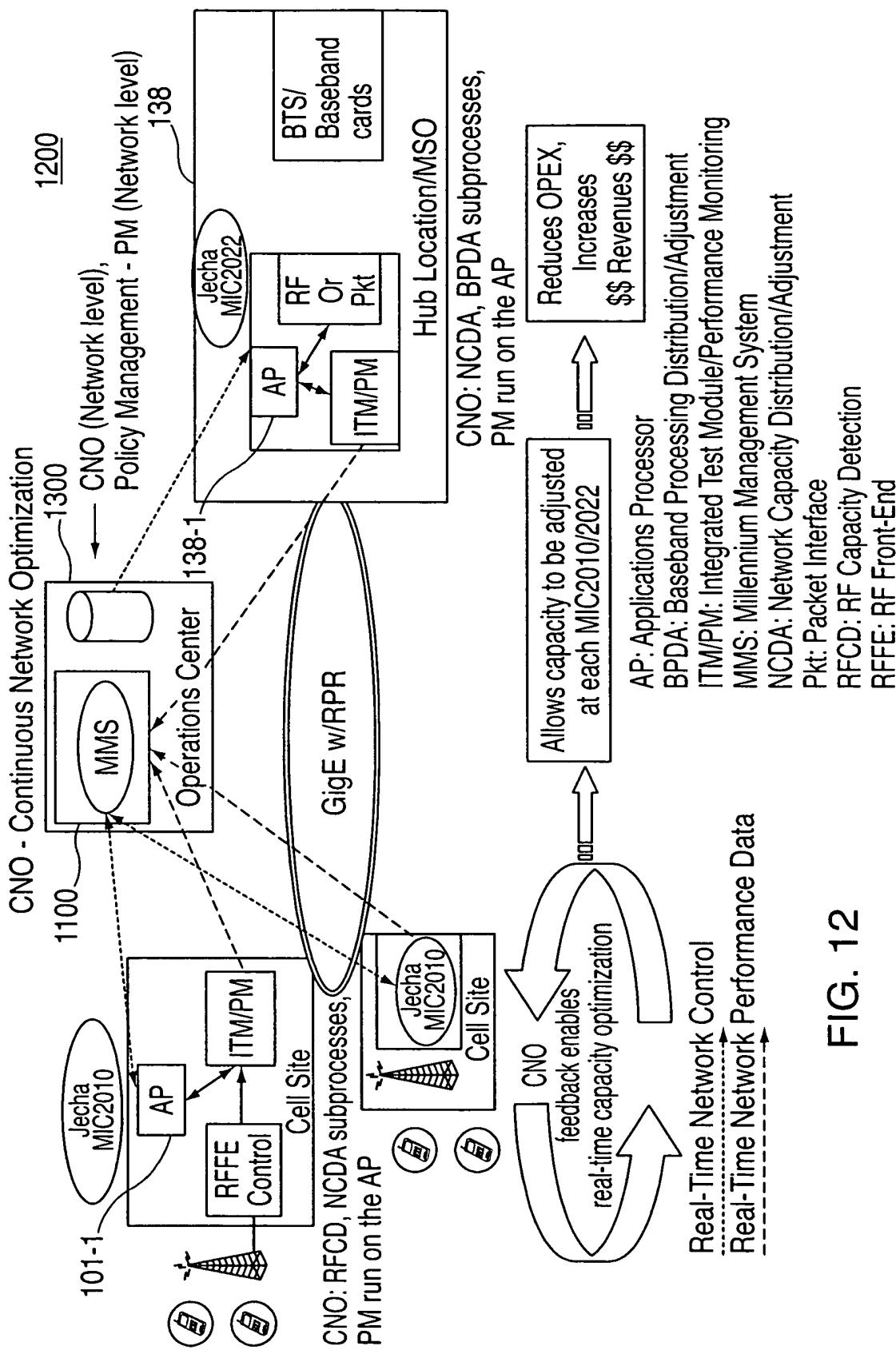


FIG. 12

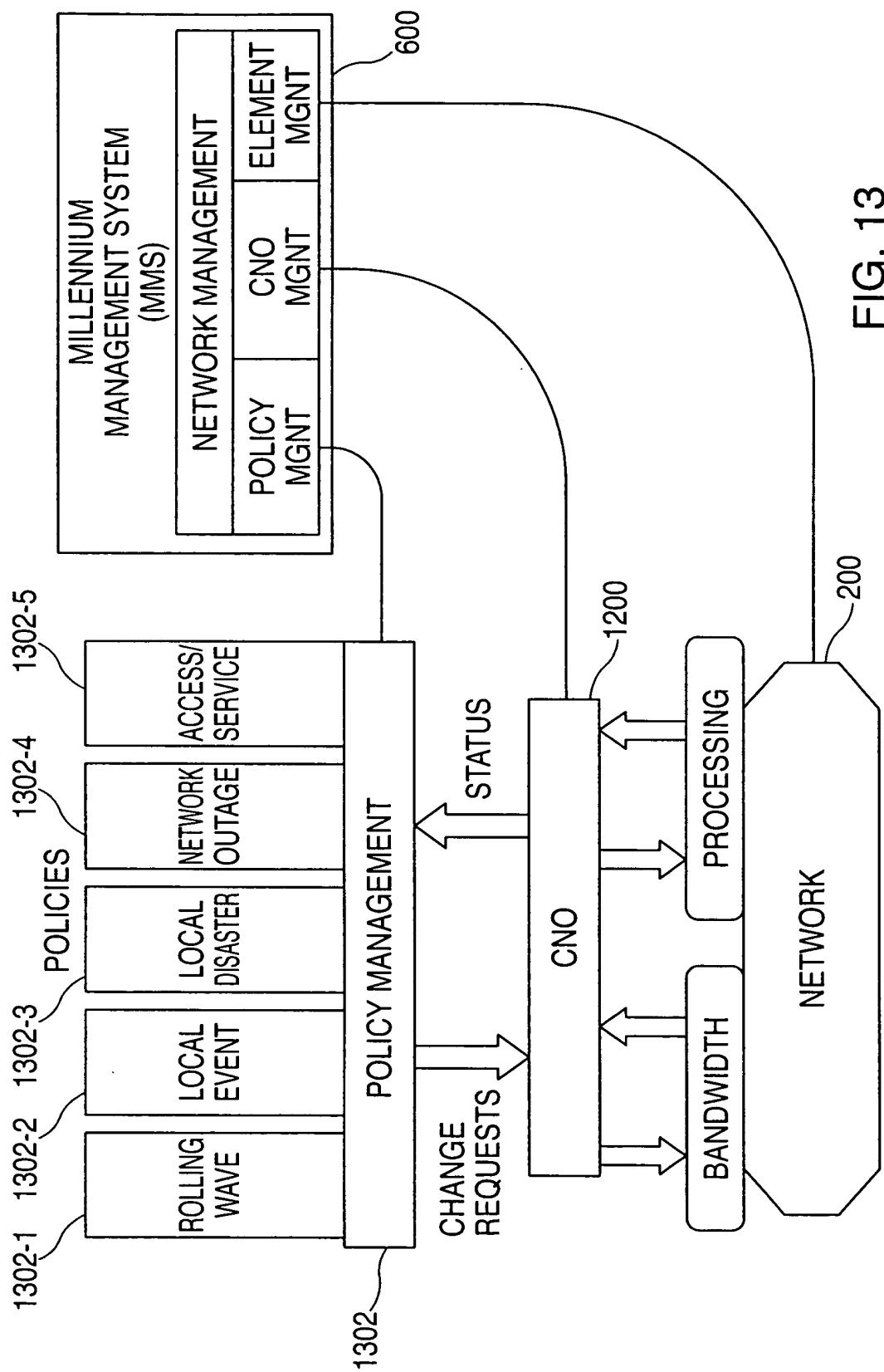
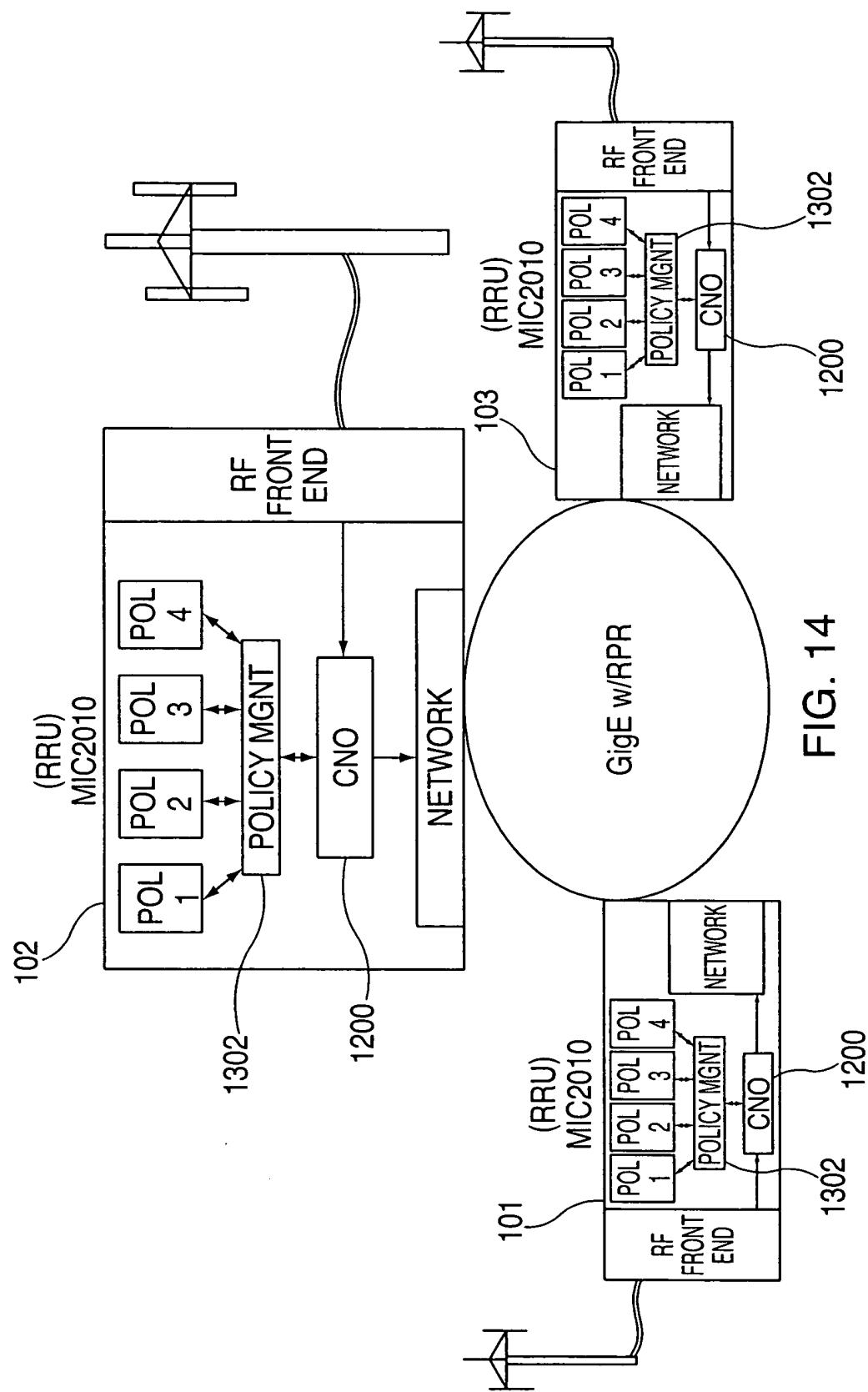


FIG. 13

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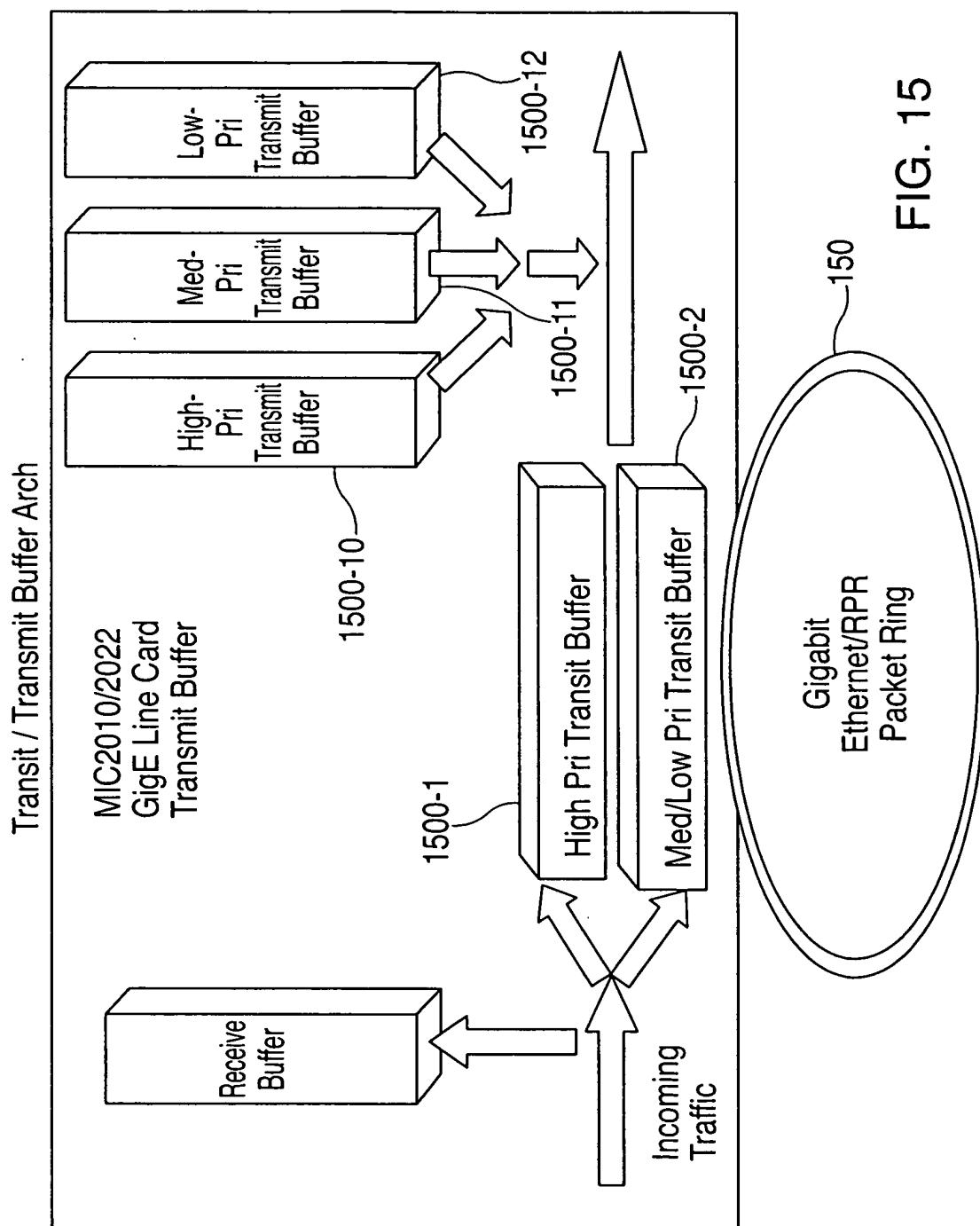


FIG. 15

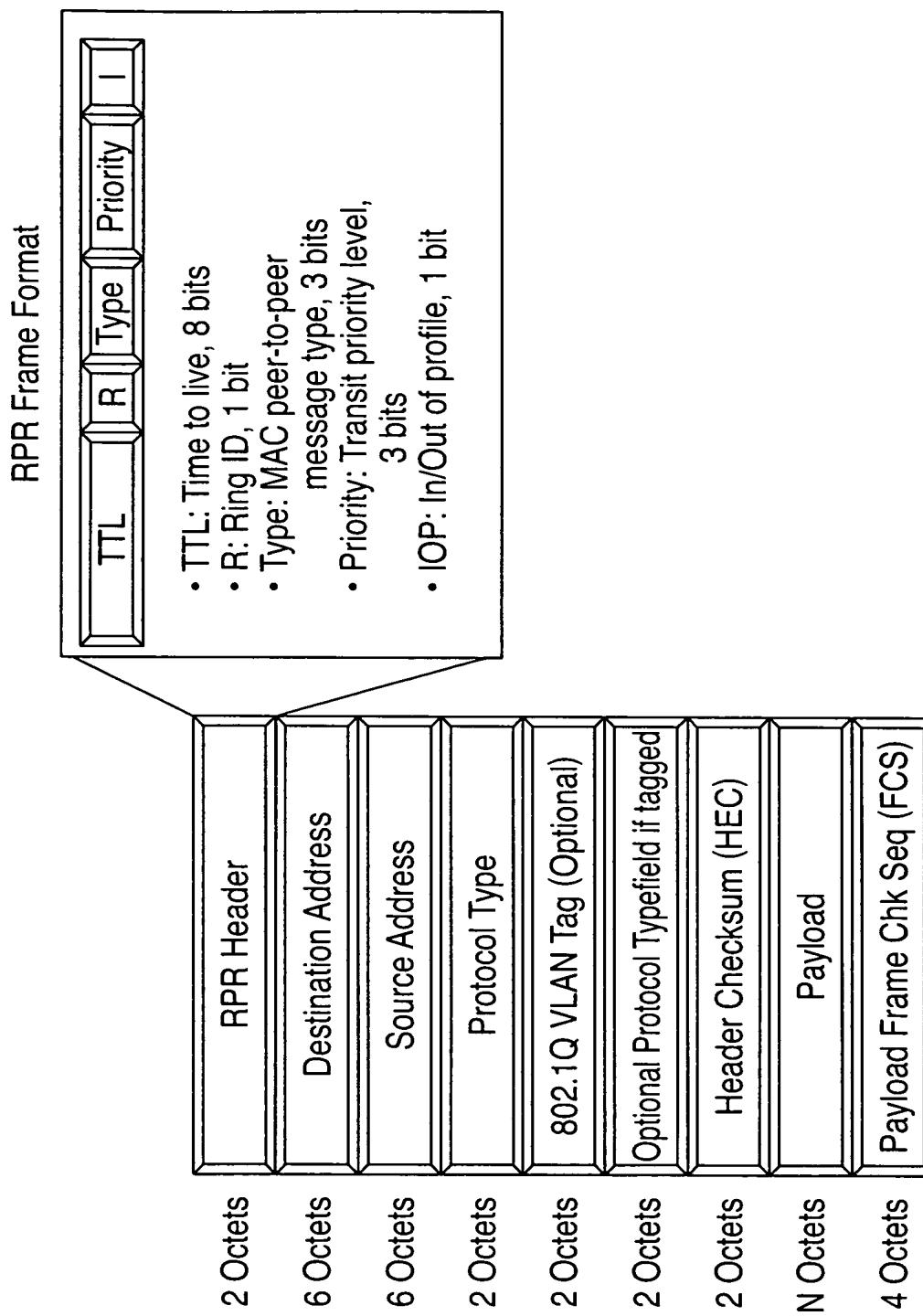


FIG. 16

- Grooming/Alternate Routing
- Grooming by RF carrier or technology (e.g. cdma2000)
 - Grooming by Service Provider

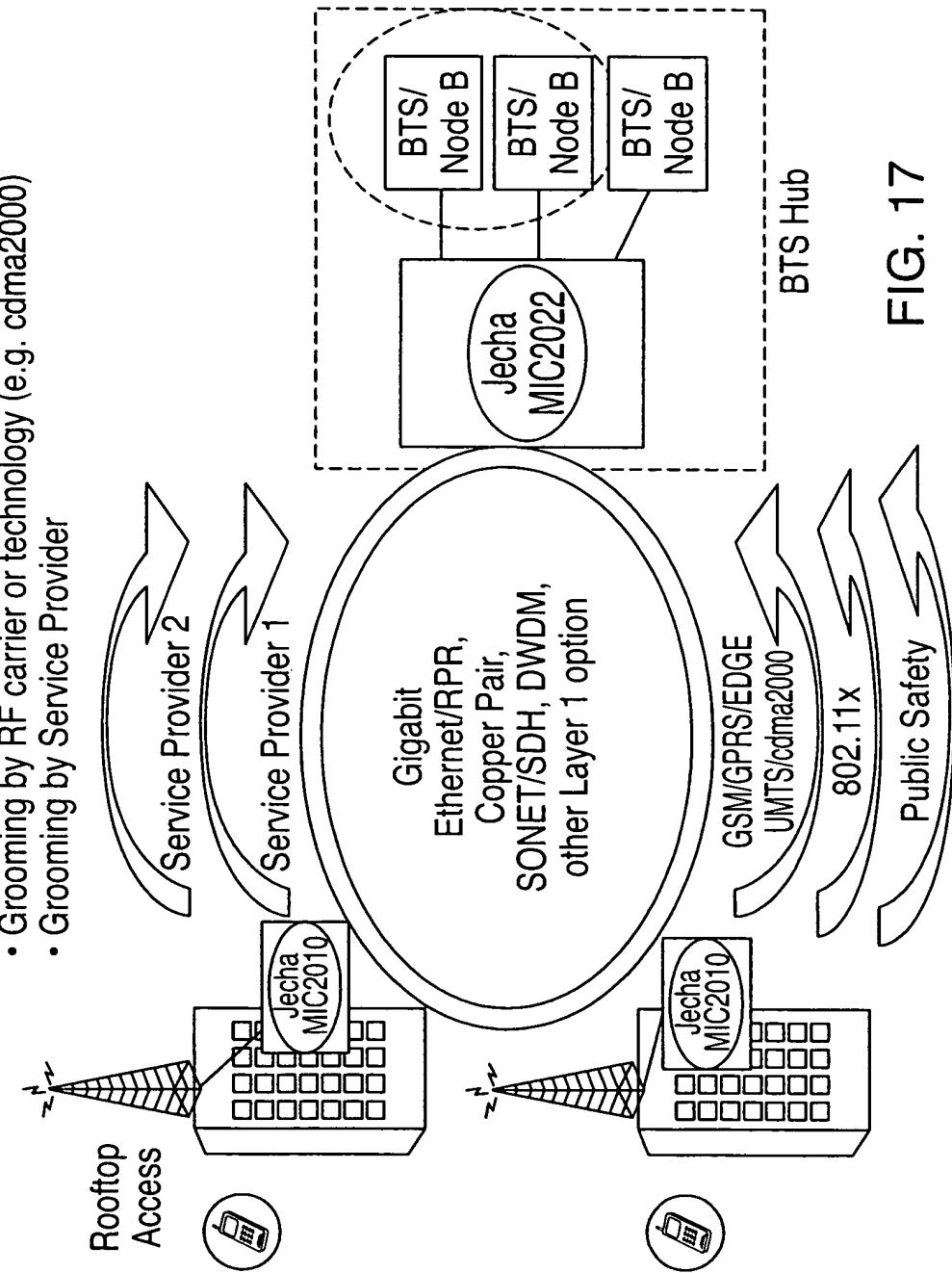


FIG. 17

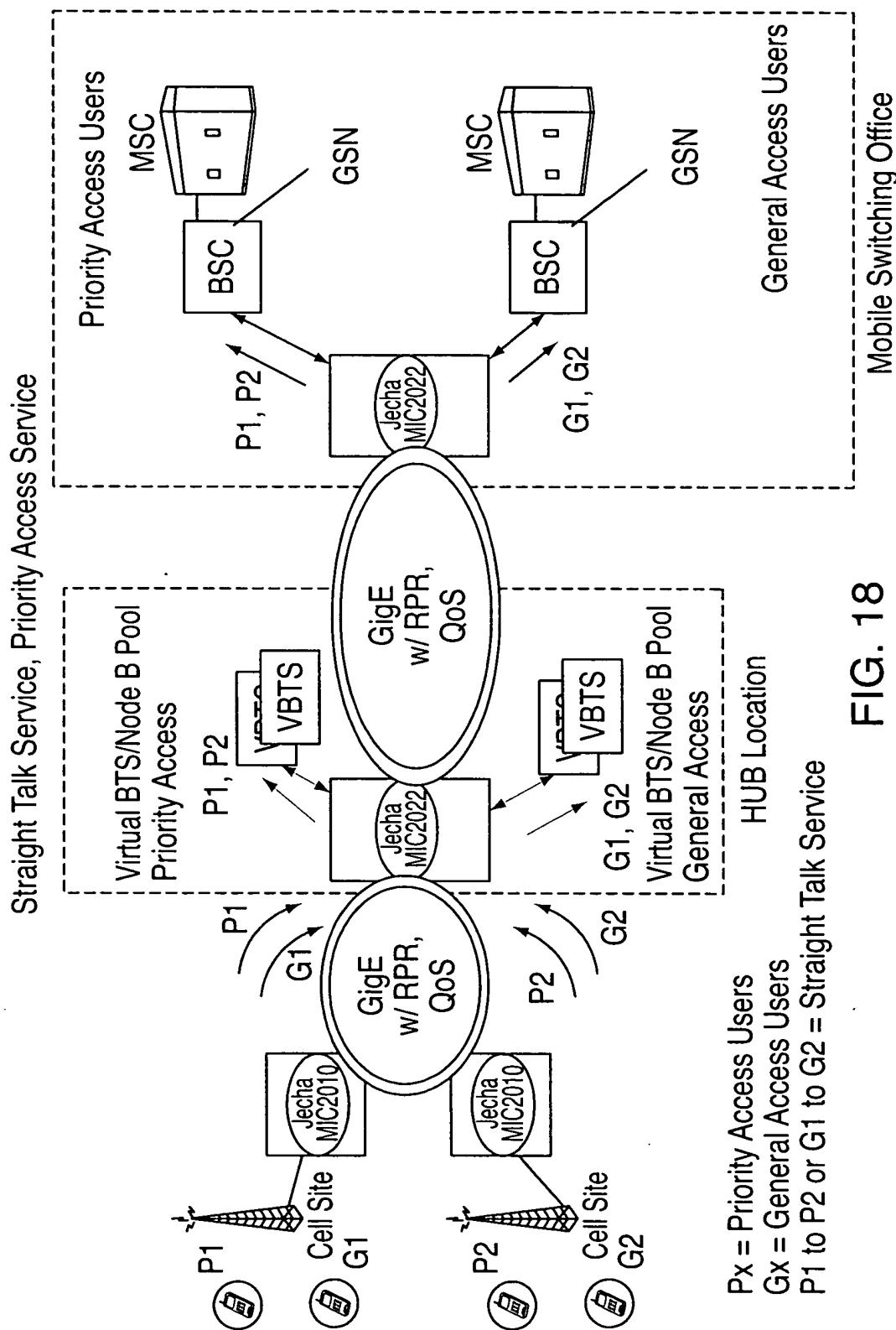


FIG. 18